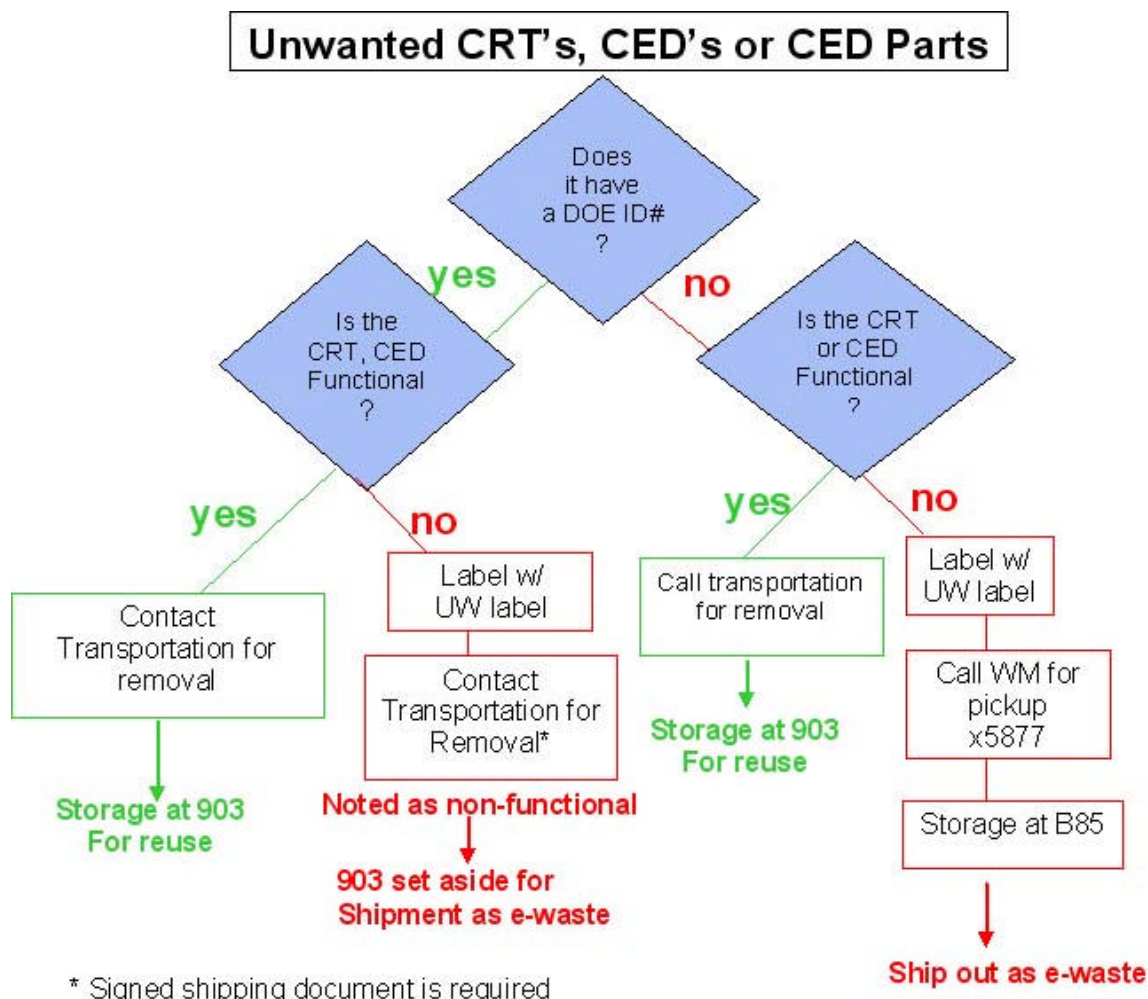


e-Waste Management Guidelines



What is e-Waste?

With the explosion of electronic equipment and the change of technology in the last decade, more of these "e"lectronics-type devices, similar to and including computers (laptop and desktop), monitors, printers, disk drives, printed circuit boards, computer speakers, scanners, mousing devices, keyboards, calculators, etc., are entering the waste stream at an alarming rate and impacting the environment.

Why manage it?

In February, 2003, California Department of Toxic Substances Control (DTSC) issued regulations for the management of electronic wastes (e-waste) including waste cathode ray tubes (CRTs) such as computer monitors, televisions, cash registers and oscilloscopes; and waste consumer electronic devices (CEDs) such as - computers, computer peripherals, telephones, stereo equipment, tape player/recorders, video cassette players/recorders, compact disc players/recorders, calculators, etc. The new regulations are similar to those for batteries (e.g. universal waste) and require generators and/or owners to properly handle and store e-wastes to prevent the release of lead and other hazardous chemicals to the environment. The regulations prohibit the disposal of e-wastes in municipal landfills and encourage owners and generators of e-wastes to properly recycle the wastes or

e-Waste Management Guidelines

arrange for their reuse whenever possible. By these regulations, LBNL has a responsibility to appropriately categorize, handle, and dispose of e-waste.

Definitions:

- CRT** – (**cathode ray tube**) a vacuum tube or picture tube used to convert an electrical signal into a visual image; including CRT devices, such as computer monitors, televisions, cash registers and oscilloscopes; CRT glass; etc.
- CED** – (**consumer electronic devices**) including computers, computer peripherals (disk drives, CD-ROMs, printers, keyboards, palm pads, mousing devices, etc.), telephones, answering machines, radios, stereo equipment, tape player/recorders, phonographs, video cassette players/recorders, compact disc players/recorders, calculators, and some appliances.

Generator Assistants . . .

- Life Sciences :
 - Building 55/64, Donner: Amy Tanouye (x6896)
 - Building 80: Marty White (x7663)
 - Buildings 74/83/84: Chan Ho Yi (x5886)
 - Building 70A: Dr. Maram Kassis (x6823)
- Chemical Sciences: Dr. Maram Kassis (x6823)
- Genomics: Amy Tanouye (x6896)
- EH&S / HERL: Dr. Maram Kassis (x6823)
 - D&D: Chan Yi (x5886)
 - Other EH&S: Amy Tanouye (x6896)
- Physics, ALS, ASD, Computing Sciences, AFRD, Directorate: Marty White (x7663)
- Physical Biosciences including Calvin: Dr. Maram Kassis (x6823)
- Engineering, Facilities, Nuclear Sciences: Mark Lasartemay (x6825)
- Earth Sciences, Material Sciences and EETD: Howard Hansen (x5867)